

Express Mail No. EV 666039652 US	
THE UNITED STATES PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICATION NO: 10/523,268
	371(c) DATE: 7/7/2005
	FIRST NAMED: John L. Schenk
	ART UNIT: 1632
	EXAMINER NAME: Marcia S. Noble
	DOCKET NO: XY-LowPressure-USNP

I. US PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO. & KIND CODE (if known)	PATENTEE OR APPLICANT	PUBLICATION/ISSUE DATE mm/dd/yyyy	Pages, Columns, Lines Where Relevant Passages Or Relevant Drawings Appear
MN	4,007,087	Ericsson	2/8/1977	

II. FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Foreign Patent Document Country Code, Number, Kind Code (if known)	PATENTEE OR APPLICANT NAME	PUB'N DATE mm- dd-yyyy	TRANSLATION	
				Yes	No

III. OTHER REFERENCES

EXAMINER INITIAL	Document
MN	Chinese Patent Application Number 03818558.X; Office Action dated March 24, 2006
	New Zealand Application Number 538462; Office Action dated April 24, 2006
	Seidel, G.E. Jr., et al., Methods of Ovum Recovery and Factors Affecting Fertilization of Superovulated Bovine Ova, Control of Reproduction in the Cow, Sneenan ed., 1978, pp 268-280
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MN	Wilson, R. D., et al., In vitro production of bovine embryos using sex-sorted sperm, Theriogenology, 65 (2006) 1007-1015
EXAMINER: Marcia S. Noble DATE CONSIDERED: 02/12/2007 /Marcia Noble/	
EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	



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IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE

Application Number: 10/523,268
371(c) Date: July 7, 2005
Applicants: John L. Schenk
Title: Low Pressure Sperm Cell Separation System
TC/A.U: 1632
Examiner: Marcia S. Noble
Attorney Docket: XY-LowPressure-USNP
Customer No. 33549

LETTER OF TRANSMITTAL

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed with this correspondence are the following documents:

1. Information Disclosure Statement pursuant to 37 CFR §1.97(b)(3) and a copy of each item listed under "Other References";
2. This Letter of Transmittal; and
3. A Certificate of Express Mailing for each document and a return receipt post card.

I have this 7 day of June, 2006, either myself personally or through my direction of staff at this office, deposited all of the items in the above letter of transmittal with the United States Postal Service as Express Mail, postage prepaid, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

Please confirm receipt of the documents by applying your date stamp on the enclosed postcard and returning it to me.

Dated this 1 day of June, 2006.

Respectfully Submitted,
SANTANGELO LAW OFFICES, P.C.

By: Nicole A. Ressue
Nicole A. Ressue
Attorney for Assignee
PTO No. 48,665
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Fort Collins, Colorado 80521
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Express Mail No.: EV 666039652 US

IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE

Application Number: 10/523,268
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Applicants: John L. Schenk
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TC/A.U: 1632
Examiner: Marcia S. Noble
Attorney Docket: XY-LowPressure-USNP
Customer No. 33549

CERTIFICATE OF EXPRESS MAILING

I, Cheryl A. Swanson, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.
2. I have this day deposited the attached Information Disclosure Statement Pursuant to 37 CFR §1.97(b)(3) and a copy of each item listed under "Other References"; Letter of Transmittal; and return post card with the United States Postal Service as Express Mail, postage prepaid, for mailing to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

Dated this 7th day of June, 2006.

Cheryl A. Swanson
Cheryl A. Swanson

Express Mail No. EV 832910058 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICATION NO:	10/523,268
	FILING DATE:	7/7/2005
	FIRST NAMED	John L. Schenk
	ART UNIT:	1632
	EXAMINER NAME:	Marcia Stephens Noble
	DOCKET NO:	XY-LowPressure-USNP

I. US PATENT DOCUMENTS

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MN	7,094,527	Seidel et al.	8/22/2006	
	2005/00282245	Ludwig et al.	12/22/2005	
	2005/0244805 A1	Ludwig et al.	11/3/2005	
MN	20050214733 A1	Graham et al.	9/29/2005	

/Marcia Noble/

02/12/2007

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				Yes	No
MN	WO 93/17322 A1	Univ. of Hertfordshire GB	9/02/1993		
MN	UK 1471019	United Aircraft Corp.	4/21/1977		
MN	WO 2006012597 A2	Monsanto Technology LLC	2/2/2006		

/Marcia Noble/ 02/12/2007

III. OTHER REFERENCES

EXAMINER INITIAL	Document
MN	Johnson, L.A., et al, 1996 Gender preselection in mammals. XX Beltsville Symposium in Agricultural Research Technology's Role in the Genetic Improvement of Farm Animals. pp. 151-164, Amer. Soc. Anim. Sci. IL, USA.
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	Kume, Shin-ichi; Dept of Animal Nutrition National Institute of Animal Industry Tsukuba 305, Japan THE DAIRY INDUSTRY \$IN ASIA B. JAPAN; www.agnet.org/library/article/eb384b.html
	Crichton, E.; Huffman, S.; McSweeney, K.; and Schenk, J. 347 Artificial Insemination of Lactating Holstein Cows with sexed sperm: Abstract CSORP Publishing - Reproduction, Fertility and Development www.publish.csiro.au/nid/44/paper/RDv18n2Ab347.htm
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MN	Parallel European Patent Application Number 03767201.1; Supplemental Search Report dated 10/24/2006
EXAMINER:	<div style="display: flex; justify-content: space-between;"> <div> Marcia S. Noble </div> <div> <small>Digitally signed by Marcia S. Noble DN: cn=Marcia S. Noble, o=US, email=Marcia.Noble@usda.gov, Date: 2007.02.12 21:53:10 -0500</small> </div> <div> DATE CONSIDERED /Marcia Noble/ </div> <div> 02/12/2007 </div> </div>
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IN THE UNITED STATES PATENT AND
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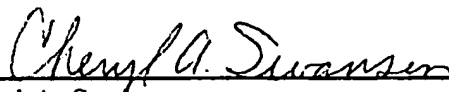
Applicants: John L. Schenk, George E. Seidel, Tae Kwang Suh
Application Number: 10/523,268
317 Date: July 7, 2005
Title: Low Pressure Sperm Cell Separation System
TC/A.U: 1632
Examiner: Marcia Stephens Noble
Assignee: XY, Inc.
Attorney Docket: XY-LowPressure-USNP
Confirmation No. 5591
Customer No. 33549

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I, Cheryl A. Swanson, hereby certify to the truth of the following items:

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2. I have this day deposited the attached Information Disclosure Statement Under 37 C.F.R. §1.97(b)(3) – no fee due – along with Foreign and Non-patent Literature cited with the United States Postal Service as Express Mail, postage prepaid, for mailing to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

Dated this 25th day of November, 2006.



Cheryl A. Swanson